

PTAC Petroleum Technology Alliance Canada is an association that facilitates innovation, collaborative research, and technology development, demonstration and deployment for a responsible Western Canadian upstream hydrocarbon energy industry. PTAC's objective is to improve the industry's financial, environmental and safety performance through the application of new technology and research. More information on PTAC is available at www.ptac.org.

Sections

A) CONSULTANT'S RESPONSE AND REFERENCES

Proposals must include résumés and a Resource Qualifications page. Three references for which similar work has been recently performed must also be identified.

B) CONSULTANT'S PROPOSAL

This must address the full scope of work outlined above (both Part 1 and Part 2)

C) Resource Qualifications

A. MANDATORY REQUIREMENTS	EXPERIENCE REQUIRED	EXPERIENCE CLAIMED
EPCM experience of nuclear plants. i.e., how many years of EPCM experience of building new nuclear plants, or of refurbishing existing nuclear plants, to produce CHP or hydrogen.		
Or, experience with the overall evaluations of different nuclear technologies (i.e., installed capital and O&M costs, percent availability, operator training, applications, shortcomings, risks, etc.), and evaluations have been validated subsequently, in particular smaller reactors		
Experience with conducting economic evaluation, including capital and operating cost estimates for Alberta, regulatory approval, liability insurance		
Knowledge and experience in handling spent fuel.		
Experience in emerging nuclear technologies		
Experience in evaluating different gasification technologies including economic evaluation and costs estimate		
Experience in evaluating different bitumen burning technologies including economic evaluation and costs estimate		

B. DESIRABLE REQUIREMENTS	EXPERIENCE	EXPERIENCE
	DESIRABLE	CLAIMED
A demonstrable level of oil sands technologies knowledge including conceptual design		
A demonstrable level of risk assessment for nuclear, gasification and bitumen burning projects, including insurance and security.		
A demonstrable knowledge of regulatory process and requirements to implement nuclear, gasification and bitumen burning in Alberta		
A demonstrable knowledge of market forces and pressure to predict long term price of uranium.		

D) ATTACHMENT #2 SERVICE PRICING

	Cost(CDN\$)
Part 1	
Part 2	

TIMELINES

KEY ACTIVITIES	DATE
RFP Issued	
Deadline to submit questions to PTAC	5 days before submitting preliminary proposals
Deadline to post questions (PTAC)	3 days before submitting preliminary
Preliminary proposal submission deadline	June 9 th , 2008
Review of preliminary proposals and Determination of qualifying Consultants	June 16, 2008
Final decision on awarding the contract	June 30 th , 2008
Part 1 completed	
Final report on Part I	
Decision on Part 2	
Submission of draft Final Report	